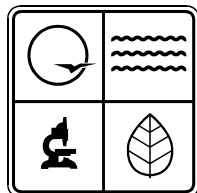


Missouri

State Fleet Efficiency and Alternative Fuel Program

Annual Report
Fiscal Year 2011



Missouri Department of Natural Resources
Division of Energy

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Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

dnr.mo.gov

The Fuel Conservation for State Vehicles statute, Sections 414.400 - 414.417 RSMo, and the federal Energy Policy Act establish opportunities for Missouri state agencies to manage transportation fuel consumption and promote the use of clean domestic alternative fuels.

All state agencies are obligated to report their progress annually to the Missouri Department of Natural Resources' Division of Energy for the development of the Missouri State Fleet Efficiency and Alternative Fuels Program annual report.

We are pleased to submit for your consideration this report for fiscal year 2011 on state fleet efficiency and alternative fuels use.

Sincerely,

MISSOURI DIVISION OF ENERGY

A handwritten signature in cursive script that reads "Llona C. Weiss".

Llona C. Weiss
Director

LCW:ccj



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Executive Summary

Missouri's General Assembly passed Sections 414.400 - 414.417, RSMo, in 1991 to set standards for economically and environmentally responsible state fleet management. The Missouri statute seeks to increase the average fuel efficiency of the state fleet and increase the use of cleaner alternative transportation fuels in state vehicles. Missouri statute, Section 414.406, requires that the annual state fleet report include annual fuel consumption, number of vehicles, vehicle miles traveled, average fleet fuel economy, estimated cost savings and the state's use of alternative fuels. A copy of the Missouri statute can be found in Appendix A, and state fleet data submitted to the Department of Natural Resources by the reporting agencies can be found in Appendix B. This report covers fiscal year 2011, which is July 1, 2010, through June 30, 2011.

Missouri state agencies comply annually with statutory reporting requirements by providing the Missouri Department of Natural Resources' Division of Energy with vehicle operating data on their respective fleets. Along with other data, agencies provide vehicle operating data on the number of state-owned vehicles operated throughout the reporting period. All state agencies are required to comply with the statute and are subject to one or both of the fleet efficiency and alternative fuel requirements. The statute covers light-duty vehicles, defined as those under 8,500 pounds gross vehicle weight rating. Of the operated vehicles, agencies reported that 4,079 vehicles were eligible to meet the vehicle fuel efficiency and alternative fuel requirements as described in state statutes, and another 8,964 vehicles were reported as exempt from meeting those requirements. (Missouri statute allows for the exemption of vehicles based on vehicle type and use.) Altogether, state agencies operated a total of 13,043 vehicles.

While operating the 4,079 vehicles eligible to meet the statutory requirements, agencies reported logging a total of 44,668,030 miles. As a refueling requirement to travel this many miles, agencies also reported using 1,908,838 gallons of gasoline; 11,869 gallons of diesel fuel; 256,830 gallons of 85 percent ethanol (E85), including E85 used in exempt vehicles; 815 gallons of propane; and zero cubic feet of compressed natural gas (CNG). Compared to fiscal year 2010, state employees drove less than one percent more miles in fiscal year 2011. Gasoline usage decreased by 318,714 gallons, down 14 percent compared to fiscal year 2010; diesel fuel usage increased by 929 gallons, up 8 percent; E85 usage decreased by 29,669 gallons, down 10 percent; propane usage decreased by 6 gallons and CNG usage remained at zero usage.

State agencies also reported refueling state vehicles with biodiesel. Although biodiesel is normally used to refuel vehicles designated as exempt under the statute, the U.S. Department of Energy defines biodiesel blended at levels of 20 percent or greater as an alternative fuel. For reporting purposes, biodiesel used at the 20 percent or greater blend levels are sometimes combined, converted and shown throughout this report at the 100 percent blend level. When converted to the 100 percent blend level, state diesel vehicles were refueled with 276,355 gallons of biodiesel throughout the reporting period. This amounts to 1,381,775 gallons of biodiesel blended at the 20 percent level. Factors influencing Missouri Department of Transportation's (MoDOT) diesel and biodiesel consumption during winter months include using the most fuel efficient piece of equipment to do the job; performing work that required lighter pieces of fleet; replacing diesel units with gasoline units; and installing automatic idle shut down features on heavy equipment in most districts.

Vehicle fuel efficiency standards described in Section 414.400, RSMo, require that agency fleets purchase new vehicles that meet or exceed standards set by the U.S. Environmental Protection Agency or EPA. Therefore, new vehicles purchased by state agencies are to meet or exceed the corporate average fuel efficiency or (CAFÉ) standards of 27.5 miles per gallon for passenger cars and 20.7 mpg for light-duty trucks. During the 2011 fiscal year, the overall average fuel efficiency of new vehicle acquisitions reported by agency fleets was 40.7 mpg for passenger cars and 27.6 mpg for light-duty trucks. The CAFÉ numeric system awards additional credit to alternative fuel vehicles. This boost can significantly increase the CAFÉ rating of alternative fuel vehicles and accounts for the high overall efficiencies of new vehicle acquisitions. Fuel economy standards require that agency fleets purchase new vehicles that meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFÉ standard. Of the 30 reporting state entities, all but one entity that purchased passenger cars exceeded the CAFÉ standards. All entities that purchased light duty trucks exceeded the CAFÉ standards.

Alternative fuel standards described in Section 414.410, RSMo, require that agency fleets purchase new vehicles that are capable of being refueled with an alternative fuel. Effective Jan.1, 2008, the commissioner of the Office of Administration shall ensure that at least 70 percent of new state fleet vehicles are flexible fuel vehicles. Of the 30 reporting state entities, 12 entities met or exceeded the statutory requirement. Four state agencies did not meet the statutory requirement, and 14 entities were not required to meet the statutory requirement because they either did not purchase any new vehicles or they operated 15 or fewer eligible vehicles. However, it should be noted that the University of Missouri did purchase one hybrid electric vehicle and one electric vehicle. Section 414.400, RSMo, also requires that at least 30 percent of all fuel used in eligible, state-owned alternative fuel vehicles, or AFVs, be the designated alternative fuel. During the 2011 fiscal year, 12 percent of all fuel used in eligible, state-owned AFVs was the designated alternative fuel. However, the statute provides for state agencies to take credit toward meeting their 30 percent goal by reporting the alternative fuel used in exempt vehicles. When the biodiesel used to refuel exempt diesel vehicles and the other fuels used in exempt AFVs are included in the calculation, the percent of alternative fuel that can be counted as used in AFVs rises from 12 percent to 22 percent.

The Department of Natural Resources' Division of Energy staff has worked throughout the reporting period to promote the continued and increased use of alternative fuels and has provided technical and programmatic assistance to state agencies. The MoDOT has begun installing signage for E85, where available, at exits along divided highways. In addition, the Division of Energy has designed alternative fuel signs for state agencies to place at their respective fleet lots. These signs remind state employees to refuel with the appropriate alternative fuel in AFVs whenever possible. E85 magnets, static window stickers and fuel door stickers are available from the Division of Energy. Colored labels for vehicle packets are also available to identify AFVs and provide local directions to refueling facilities. The division strongly urges state agencies that use packets for vehicle checkouts to include the E85 station listing in all of the E85 vehicle packets. Otherwise, the E85 station link could be distributed through an agency's e-mail group address list. The listing can be found at www.moflexfuel.com

Introduction

Missouri's General Assembly passed Sections 414.400 - 414.417, RSMo, in 1991 to set standards for economically and environmentally responsible state fleet management. The Missouri statute seeks to increase the average fuel efficiency of the state fleet and increase the use of cleaner alternative transportation fuels in state vehicles. Chapter 414 of the Missouri Revised Statutes can be found in Appendix A of this report.

All state agencies are required to comply with the statute and are subject to one or both of the fleet efficiency and alternative fuel requirements. The statute covers light-duty vehicles, defined as those under 8,500 pounds gross vehicle weight rating. The Department of Natural Resources is required to prepare an annual report on the Fuel Conservation for State Vehicles Program. The state agencies that do not meet the requirements for purchase of alternative fuel vehicles must obtain a waiver from the department before purchasing any light-duty vehicle other than an alternative fuel vehicle. The Office of Administration is required to ensure compliance with purchasing guidelines of alternative fuel vehicles and efficiency standards of conventional fuel vehicles.

State agencies have the opportunity to stretch operating budgets through greater fleet efficiency and to demonstrate approaches that reduce fuel consumption, manage travel efficiently and use cleaner alternative fuels. This program also offers opportunities for interagency communication and cooperation.

Based on statutory requirements¹, the following are the Fuel Conservation for State Vehicles objectives:

1. *To achieve an efficient vehicle fleet.* Legislation effective Jan.1, 1999, requires state agencies to meet minimum guidelines for efficient vehicle fleet management as established by the Department of Natural Resources.
2. *To realize environmental and economic benefits of using alternative transportation fuels.* State government is to operate vehicles on alternative fuels, such as 85 percent ethanol, propane, compressed natural gas or others, if the fuels are within the incremental life-cycle cost caps designated in the statute. Legislation effective Jan.1, 1999, establishes the maximum incremental life-cycle cost difference at 10 percent, except for vehicles to be used in clean air maintenance and non-attainment areas of Kansas City and St. Louis, where the allowable incremental cost difference is 17 percent.
3. *To increase the number of alternative fuel vehicles in state fleets.* Effective Jan.1, 2008, the commissioner of the Office of Administration shall ensure that at least 70 percent of new state fleet vehicles are flexible fuel vehicles.

¹All agencies of Missouri state government are subject to the provisions of the program, with the exception of the departments of Transportation and Conservation, which may develop fleet management plans independently. Certain off-road vehicles, special use vehicles, law enforcement vehicles and vehicles for which no published EPA CAFÉ standard exists are exempt from the provisions.

After July 1, 2001, at least 30 percent of the fuel used in state-owned AFVs must be an alternative fuel.

Compliance with these requirements by individual agencies and in the aggregate is documented in annual reports submitted by the agencies to the Department of Natural Resources' Division of Energy following the end of the fiscal year. Summary tables showing the fleet operating data submitted by the individual agencies and in the aggregate can be found in Appendix B. The 2011 fiscal year ran from July 1, 2010, through June 30, 2011.

Annual Fuel Consumption, Number of Vehicles and Vehicle Miles Traveled

Missouri Revised Statutes, section 414.406, require that the Missouri Department of Natural Resources prepare an annual state fleet report that documents annual fuel consumption, number of vehicles and vehicle miles traveled. Before covering the state fleet numbers, some necessary terms used throughout the report are briefly summarized from the description given in the statutes.

Many of the vehicles operated by state agencies are designated for duties that exempt the vehicles from vehicle fuel efficiency and alternative fuel requirements. These duties include off-road, maintenance, construction, trailer transport, law enforcement and emergency vehicles. Exempt vehicles also include vehicles that exceed the 8,500 gross vehicle weight rating or GVWR.

Eligible vehicles are those vehicles operated by state agency fleets that are required to meet state-mandated vehicle fuel efficiency and alternative fuel requirements. Most eligible vehicles are primarily used for commuting from one location to another on established roadways. The terms *eligible* and *non-exempt* are used interchangeably throughout this report.

When identified throughout the report, gasoline gallon equivalence or GGE is used as a unit of measure for alternative fuels. As a unit of measure, gasoline gallon equivalence is based on the fuel's energy content rather than the at-the-pump unit of measure normally shown in unit volume. An example of this is the comparison of a gallon of E85 to a gallon of gasoline. Since the energy content of E85 is less than that of gasoline, one gallon of E85 is equivalent to 0.7130 of a gallon of gasoline. As applied throughout this report, check Appendix C for more information on the conversion of alternative fuels from at-the-pump units of consumption to GGE.

As reported by the state agencies, shown in Table 1 are the annual fuel consumption numbers for state-owned vehicles operated during fiscal year 2011. Gasoline, diesel and alternative fuel consumption are compared for non-exempt, exempt and all vehicles operated throughout the reporting period. At the B100 blend level, biodiesel consumption is included on the table as the majority of the alternative fuel used in exempt vehicles.

Table 1. Fuel Consumption Throughout Fiscal Year 2011			
Fuel Type	Non-Exempt Vehicles	Exempt Vehicles	All State Vehicles
Gasoline (gallons)	1,908,838	5,720,032	7,628,870
Diesel (gallons)	11,869	3,658,841	3,670,710
Alternative Fuel (gge) *biodiesel is included as B100	146,118	336,096	482,214

Following the end of the fiscal year, both annual fuel consumption and annual fuel cost numbers are provided by state agencies to the Missouri Department of Natural Resources. Shown in Table 2 are the annual fuel cost numbers that directly correspond to the fuel consumption numbers shown in Table 1. At the B100 blend level, the total cost of biodiesel consumption is included on the table as the majority of the alternative fuel cost shown for exempt vehicles.

Table 2. Fuel Cost Throughout Fiscal Year 2011			
Fuel Type	Non-Exempt Vehicles	Exempt Vehicles	All State Vehicles
Gasoline (gallons)	\$5,404,618	\$9,848,152	\$15,252,770
Diesel (gallons)	\$32,802	\$10,958,213	\$10,991,015
Alternative Fuel (gge)	\$532,499	\$968,368	\$1,500,867
Total	\$5,969,919	\$21,774,733	\$27,744,652

To provide a measure of the overall operational fleet size, Table 3 shows the number of state-owned vehicles operated by state agencies throughout fiscal year 2011. Since the agencies were asked to submit information on all vehicles operated throughout the reporting period, the numbers shown in Table 3 include all vehicles acquired, all vehicles in continuous service and all vehicles retired from state service throughout the period. Diesel vehicles cannot be classified as alternative fuel vehicles. Therefore, in Table 3, diesel vehicles are shown in the diesel entry, even if they were fueled by biodiesel.

Table 3. Number of Vehicles Operated Throughout Fiscal Year 2011			
Vehicle Type	Non-Exempt Vehicles	Exempt Vehicles	All State Vehicles
Gasoline	1,918	4,391	6,309
Diesel	17	2,576	2,593
Alternative Fuel	2,144	1,997	4,141
Total	4,079	8,964	13,043

During fiscal year 2011, the vehicle miles traveled in non-exempt state vehicles was 14,040,832 miles in gasoline and hybrid vehicles, 117,366 miles in diesel vehicles and 30,509,832 miles in alternative fuel vehicles. Agencies are not required to submit the vehicle miles traveled in state vehicles that are exempt from fuel efficiency and alternative fuel requirements.

Annual maintenance cost data is an important part of the formula required to find the total operating cost for state-owned vehicles. Shown in Table 4 are the annual maintenance costs incurred for the repair and upkeep of state-owned vehicles operated throughout fiscal year 2011. Diesel vehicles cannot be classified as alternative fuel vehicles.

Therefore, in Table 4, diesel vehicles are shown in the diesel entry, even if they were fueled by biodiesel.

Table 4. Maintenance Cost Throughout Fiscal Year 2011			
Vehicle Type	Non-Exempt Vehicles	Exempt Vehicles	All State Vehicles
Gasoline	\$1,027,452	\$2,842,694	\$3,870,146
Diesel	\$17,652	\$6,515,011	\$6,532,663
Alternative Fuel	\$1,138,340	\$1,074,698	\$2,213,038
Total	\$2,183,444	\$10,432,403	\$12,615,847

Caution should be exercised when interpreting the reported maintenance cost numbers shown throughout this report since the method used for collecting and reporting maintenance cost could be different from one agency to the next. For example, most agencies enter into vehicle repair and upkeep contracts with outside organizations while other agencies employ vehicle maintenance staff responsible for the repair and upkeep of agency vehicles.

Average Fleet Fuel Economy

Although a procedural process for the computation of average fleet fuel economy is not described in Missouri law, the statutes do require that each agency's overall vehicle fleet fuel efficiency for non-exempt state vehicles meet or exceed the standards set by the federal government.

On the federal side, the U.S. Environmental Protection Agency, with assistance from the U.S. Department of Transportation, has developed a rating system for measuring vehicle fuel efficiency. The rating system is called corporate average fuel economy or CAFÉ. CAFÉ is a comprehensive fuel efficiency rating system that was developed to measure the vehicle fuel efficiency of vehicles sold in the United States. Since CAFÉ is an average, a company can sell vehicles that fall below the CAFÉ standards as long as the company's overall averages stay within the standards.

The CAFÉ standards are 27.5 miles per gallon (mpg) for passenger cars and 20.7 mpg for light-duty trucks. Station wagons are included under the passenger car category while light-duty trucks include pickups, SUVs and vans.

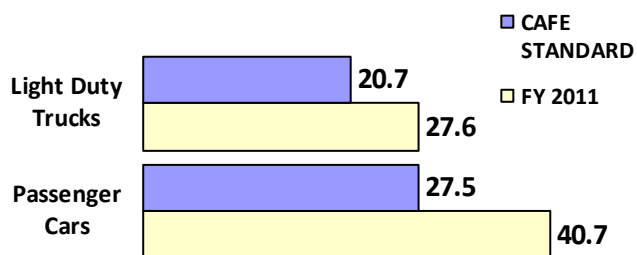
The Missouri Department of Natural Resources' Division of Energy has developed a set of procedures for computing the average fleet fuel economy using the CAFÉ system of measuring vehicle fuel efficiency. New vehicle acquisitions are included in the computation of the average fleet fuel economy. By including only new vehicle acquisitions, emphasis is placed on the purchase of vehicles that meet or exceed the federal CAFÉ standards, and this approach is compatible with federal Energy Policy Act requirements.

As shown in Figure 1, state agencies exceeded the federal standard by purchasing new passenger cars with an average CAFÉ rating of 40.7 mpg. Agencies also exceeded the federal standard with new acquisitions of light-duty trucks. Agencies purchased new light-duty trucks that earned an overall CAFÉ rating of 27.6 mpg. Although other vehicles may have been purchased throughout the reporting period, only those vehicles not exempt from state vehicle fuel efficiency requirements were included in the averages.

The CAFÉ numeric system awards additional credit to alternative fuel vehicles. This boost can significantly increase the CAFÉ rating of alternative fuel vehicles. Some examples include the 2011 E85 Chevrolet Impala, awarded a CAFÉ rating of 38.9 mpg, and the 2011 E85 Dodge Grand Caravan, awarded a CAFÉ rating of 33.53 mpg.

All agencies made purchases that, on average, exceeded the CAFÉ standards. For additional information, the CAFÉ ratings earned by each agency and the total ratings earned by the entire state fleet are shown in the fuel economy tables in Appendix D.

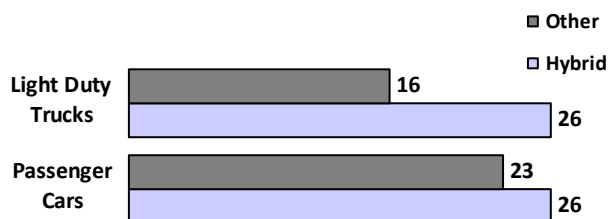
Figure 1.
Average Fleet Fuel Economy of New Acquisition Vehicles in Miles per Gallon



Shifting from manufacturer-rated performance to actual, on-road performance, some agencies are reacting to higher fuel prices by driving fuel-efficient hybrid vehicles. Overall, as shown in Figure 2, state hybrid passenger cars achieved an average of three mpg greater than that of other gasoline-powered passenger cars operated by the state fleet. In the light-duty truck category, state hybrid vehicles achieved an average of 10 mpg greater than the state's other gasoline-powered light-duty trucks.

Hybrid electric vehicles (HEVs) are primarily propelled by an internal combustion engine, just like conventional vehicles. However, HEVs also convert energy normally wasted during coasting and braking into electricity, which is stored in a battery until needed by the electric motor. The electric motor is used to assist the engine when accelerating or hill climbing and in low-speed driving conditions where internal combustion engines are least efficient. Unlike all electric vehicles, HEVs do not need to be plugged into an external source of electricity to be recharged; conventional gasoline and regenerative braking provide all the energy the vehicle needs. (Source: Fuel Economy Guide, U.S. Department of Energy & U.S. Environmental Protection Agency)

Figure 2 - Missouri State Fleet
Average Fleet Fuel Economy of Hybrid and Other Gasoline Vehicles



Alternative Fuel Use and Alternative Fuel Vehicle Acquisitions

As defined by RSMo, Section 414.400, alternative fuels are those motor vehicle fuels that are substantially not unleaded gasoline or diesel, otherwise contributing to potential energy security and environmental benefits. The Department of Natural Resources prepares and distributes this annual state fleet report to document progress in achieving the requirements and goals of sections 414.400 to 414.417, which includes, along with other vehicle information, the state fleet's use of alternative fuels.

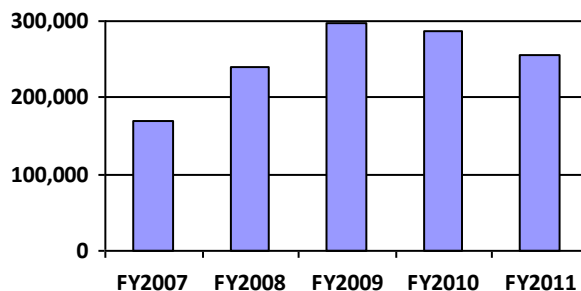
Both an alternative fuel and a renewable fuel, E85 is produced from 85 percent ethanol blended with 15 percent unleaded gasoline. As shown in Figure 3, during the 2011 fiscal year, state-owned E85 vehicles were refueled with 256,830 gallons of E85 (exempt E85 vehicle usage included). Because of limited availability and other refueling issues, state-owned, non-exempt E85 vehicles were also refueled with 1,115,701 gallons of unleaded gasoline.

Biodiesel, another alternative fuel with renewable fuel content, is used in state-owned diesel vehicles. Although biodiesel is used to refuel state vehicles that are generally exempt under the statute, biodiesel blended at levels of 20 percent or greater is defined by the U.S. Department of Energy as both an alternative and renewable fuel. For federal reporting purposes, the gallons of biodiesel used at the 20 percent or greater blend levels are combined, converted and shown in some parts of this report at the 100 percent blend level.

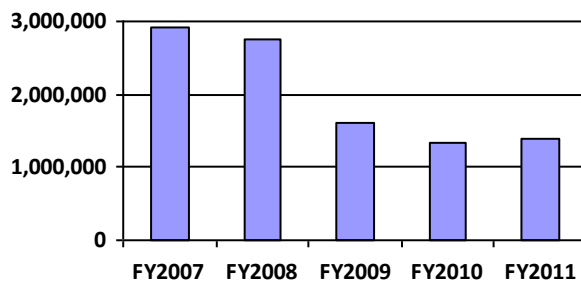
When converted to the 100 percent blend level, state diesel vehicles were refueled with 276,355 gallons of biodiesel during the reporting period. As shown in Figure 4, this amounts to 1,381,775 gallons of biodiesel blended at the 20 percent level.

Throughout the 2011 fiscal year, the Missouri Department of Transportation used 276,283 gallons of biodiesel measured at the 100 percent blend level. Factors influencing MoDOT diesel and biodiesel consumption during winter months include using the most fuel efficient piece of equipment to do the job; performing work that required lighter pieces of fleet; replacing diesel units with gasoline units; and installing automatic idle shut down features on heavy equipment in most districts. The Department of Elementary and Secondary Education reported 65 gallons of biodiesel usage. The Department of Natural Resources reported 7 gallons of biodiesel usage. The Departments of Corrections and Conservation reported zero biodiesel usage.

**Figure 3 - Missouri State Fleet
Gallons of Ethanol 85 Used in Ethanol 85
Vehicles**



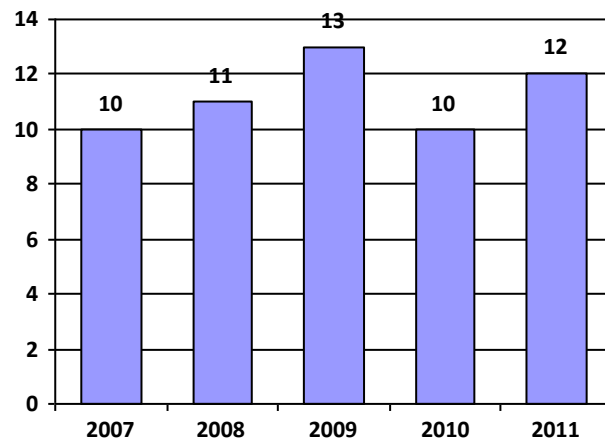
**Figure 4 - Missouri State Fleet
Gallons of Biodiesel (B20) Used in Diesel
Vehicles**



Besides the alternative fuels that are processed from renewable sources, another group of alternative fuels works to reduce tailpipe emissions. This group of alternative fuels includes propane, compressed natural gas and electricity. During the reporting period, state vehicles were refueled with 815 gallons of propane; zero cubic feet of compressed natural gas; and zero kilowatt hours (kWh) of electricity. Propane is offered at many retail outlets throughout the state while compressed natural gas is currently offered at only one refueling site.

Another important topic when reporting alternative fuel use is the percent of alternative fuel actually put into state-owned vehicles. Many AFVs can be refueled with either the designated alternative fuel or regular unleaded gasoline. State statutes specify that 30 percent of all fuel used in state-owned AFVs should be the designated alternative fuel. As shown in Figure 5, the percent of alternative fuel used in state operated non-exempt alternative fuel vehicles was 12 percent throughout fiscal year 2011. The statute, however, provides for state agencies to take credit towards meeting their 30 percent purchasing goal by reporting the alternative fuel used in exempt vehicles. When the biodiesel used to refuel exempt diesel vehicles and the other fuels used in exempt AFVs are included in the calculation, the percent of alternative fuel that can be accredited as used in AFVs rises from 12 percent to 22 percent.

Figure 5 - Missouri State Fleet
The Percent of Alternative Fuel Use in Alternative
Fuel Vehicles
Biodiesel and Exempt Usage Not Included



To break out the alternative fuel usage by alternative fuel types, the percent of alternative fuel used in state alternative fuel vehicles was 12 percent E85 in flexible fuel E85 vehicles, zero percent compressed natural gas (CNG) in dual-fuel CNG vehicles and eight percent propane in dual-fuel propane vehicles. None of the percent breakouts include biodiesel or *other* exempt vehicle usage. See Table 5 for the corresponding consumption numbers shown in gallons for gasoline and in gasoline gallons equivalence for the alternative fuels.

Table 5.					
The Percent of Alternative Fuel Use In Alternative Fuel Vehicles Throughout Fiscal Year 2011					
Vehicle Fuel Type	Number of Vehicles	GAS/DSL (gal/GGE)	Alternative Fuel in GGE	Total Fuel in GGE	% Alternative Fuel Use
B20 (exempt vehicles)	2,576	2,886,388	1,547,588	4,433,976	35%
E85	2,104	1,115,701	145,509	1,261,210	12%
E85 (exempt vehicles)	1,990	2,231,934	37,612	2,269,546	2%
Propane	14	7,248	611	7,859	8%
Propane (exempt vehicles)	7	2,096	20	2,116	1%
CNG	3	134	0	134	0%
Electric	11	8	0	0	0%
Total (Non-exempt vehicles only)	2,132	1,123,091	146,120	1,269,211	12%
Total (Exempt vehicles only)	4,573	5,120,418	1,585,220	6,705,638	24%
Total	6,705	6,243,509	1,731,340	7,974,849	22%

Missouri statutes also describe acquisition requirements for AFVs. Effective Jan.1, 2008, the commissioner of the Office of Administration shall ensure that at least 70 percent of new state fleet vehicles are flexible fuel vehicles. Of the 30 reporting state entities, 12 entities met or exceeded the statutory requirement. Four state agencies did not meet the statutory requirement, and 14 entities were not required to meet the statutory requirement because they either did not purchase any new vehicles or they operated 15 or fewer eligible vehicles. However, it should be noted that the University of Missouri did purchase one hybrid electric vehicle and one electric vehicle. The actual breakouts for each state entity, the acquisitions of alternative fuel vehicles and the percent of alternative fuel use are shown in Appendix D.

Table 6. Number of Alternative Fuel Vehicles Stationed at Fleet Locations Throughout Missouri					
	FY'07	FY'08	FY'09	FY'10	FY'11
Jefferson City	624	875	762	1,651	1,842
Kansas City	228	322	349	385	402
St. Louis	137	229	245	279	244
Other	1,013	1,306	1,414	1,859	1,653
Total	2,002	2,732	2,770	4,174	4,141

As shown in Table 6, state agencies have alternative fuel vehicles stationed at locations throughout Missouri. Whether or not alternative fuel vehicles can be refueled with the designated alternative fuel is almost entirely dependent on where the vehicles are located. State employees are best able to refuel the vehicles with the designated alternative fuel if doing so is convenient. Vehicle location is also important since the EPA has set air quality requirements for both Kansas City and St. Louis. Because it is the state capital, Jefferson City is the hub of state government activities. Many agencies locate at least some, if not all, of their vehicles in the Jefferson City area. The types of refueling sites in the Jefferson City area are E85, propane and biodiesel.

To compare the operating cost of alternative fuel vehicles to traditional fuel vehicles, operating cost data submitted by the agencies to the Division of Energy can be converted into an average operating cost per mile.

As shown in Table 7, vehicle operating costs are broken out by maintenance, fuel and the overall total.

Table 7. Average Non-Exempt Vehicle Operating Cost In Cents per Mile Throughout Fiscal Year 2011			
Vehicle Type	Maintenance	Fuel	Total
Electric	6.5	6.9	13.4
E85 Auto	3.6	11.6	15.2
Hybrid Truck	4.8	11.7	16.5
CNG Auto	3.9	12.8	16.7
Gas Auto	6.3	12.1	18.4
Hybrid Auto	8.5	10.4	18.9
E85 Truck	4.2	14.9	19.1
Gas Truck	7.8	17.3	25.1
LPG Truck	8.3	26.6	34.9
Diesel Truck	15.0	27.9	42.9

Program Status

The Missouri Revised Statutes, Sections 414.410 - 414.417, establish guidelines for the current vehicle fuel efficiency and alternative fuel vehicles program. The established program includes the writing and distribution of an annual state fleet report, vehicle fuel efficiency standards for new vehicle acquisitions, requirements for alternative fuel use in alternative fuel vehicles and purchasing requirements for the acquisition of alternative fuel vehicles.

Participating state agencies submitted annual operating data on agency vehicle operations and acquisitions made during fiscal year 2011. In recent years, most vehicle purchases have met CAFÉ standards, and the actual average fuel efficiency for cars and light trucks is expected to significantly increase in the coming years. Compliance with the purchasing requirements is administered by the Office of Administration, Department of Transportation, Department of Conservation and higher education institutions.

The numbers and types of alternative fuel vehicles currently available to state agencies and the public from manufacturers are steadily increasing. All major U.S. vehicle manufacturers are producing alternative fuel vehicles. The number of available alternative fuel stations also is increasing.

The Mo Flex Fuel publishes a listing of E85 refueling locations on the Web at www.moflexfuel.com/printstations.php. At the time of printing this report, 107 E85 stations are currently available for refueling.

The Missouri Soybean Association publishes a listing of biodiesel suppliers on the Web at www.mosoy.org.

Numerous propane refueling sites are located throughout Missouri. The Missouri Propane Gas Association in Jefferson City has a listing of propane refueling locations.

As part of an ongoing effort to increase alternative fuel usage among state employees, the Division of Energy has actively promoted the use of alternative fuels in state vehicles. The division and industry representatives are working to encourage further use of alternative fuels in the appropriate AFVs. Information tools made available to encourage such use include the following:

- Colored labels for vehicle packets are available from the division to identify AFVs and provide local directions to refueling facilities. E85 magnets, static window stickers, and fuel door stickers are also available from the division.
- E85 pumps at each gas station are prominently labeled.
- The division urges state agencies that use packets for vehicle checkouts to include the E85 station listing in all of the E85 vehicle packets.
- Links to online E85 station listings (available from www.moflexfuel.com) may be distributed through agency e-mails.
- Generic access and passwords were established for state employees to use on the Wright Express fleet card WEXOnline system. Driver resource tools on the system include alternative fuel and diesel fuel station directories, and search tools to find locations

accepting the card and lowest fuel prices.

- The Missouri Department of Transportation has installed signage for E85, where available, at exits along divided highways. In addition, the Division of Energy has designed alternative fuel signs for state agencies to place at their respective fleet lots. These signs remind state employees to refuel with the appropriate alternative fuel in AFVs whenever possible.

Program Recommendations

The following recommendations are based primarily on guidance provided within Missouri Revised Statutes, Sections 414.400 – 414.417, and the annual reports submitted by the agencies to the Division of Energy.

- Encourage state employees to carpool and use mass transit.
- Expand the use of telecommunication systems to decentralize work and reduce the need for travel to meetings, conferences and other offices. Consider options, such as e-mail, facsimile and teleconferencing, to reduce the need for travel.
- Continue information and promotion. The Division of Energy and other organizations continue to encourage the agencies to purchase alternative fuel vehicles and promote the use of alternative fuel as a replacement for traditional vehicle fuels.
- Train state employees in the operation of alternative fuel vehicles and refueling with alternative fuels to increase their comfort in using alternative fuels.
- Facilitate placement of alternative fuel vehicles at agency locations closest to refueling locations selling the alternative fuel used.
- Facilitate installation of additional alternative fuel refueling stations across the state.

Appendices

Appendix A

Federal and Missouri Alternative Fuel Acts: Comparison of Key Provisions

Clean Air Act	Energy Policy Act	Missouri Sections 414.400 – 417, RSMo, 1999
Applicability		
Twenty-two metropolitan areas with populations of 250,000 or more (1980 census) with either serious, severe or extreme ozone or carbon monoxide areas.	Metropolitan areas with a 1980 population of 250,000 or more.	All state-owned vehicles throughout the state.
Fleets Subject to Act		
Fleets of 10 or more vehicles that are centrally fueled or capable of being centrally fueled.	Fleets with at least 20 vehicles that are centrally fueled or capable of being centrally fueled in a metropolitan area; however, this requirement applies only if a fleet also has at least 50 vehicles within the United States.	State-owned fleets with more than 15 vehicles.
Exemptions		
Vehicles that are garaged at a personal residence overnight are to be considered <u>not</u> capable of central fueling.	Private fleet vehicles that are garaged at home overnight are exempted.	Off-road vehicles, maintenance and construction vehicles and transport trailers.
Law enforcement vehicles.	Law enforcement vehicles. The secretary of energy may terminate this exemption.	Law enforcement vehicles.
Emergency vehicles.	Emergency vehicles.	Emergency vehicles.
Fuels		
Any fuel that meets the emission standard may be used, including reformulated gasoline, clean diesel, ethanol, methanol, propane, electricity and natural gas.	Alternative fuels include methanol, ethanol, natural gas, propane, biodiesel and electricity. Reformulated gasoline is not considered to be an alternative fuel.	Alternative fuels include 85 percent methanol, 85 percent ethanol, natural gas, propane, 20 percent biodiesel, hydrogen and electricity. Reformulated gasoline is not considered to be an alternative fuel.

Clean Air Act	Energy Policy Act	Missouri Sections 414.400 – 417, RSMo, 1999
Weight Limits		
Includes automobiles and trucks up to 26,000 pounds gross vehicle weight.	Includes vehicles with a gross vehicle weight of less than or equal to 8,500 pounds.	For reporting purposes, state agencies are including only those eligible vehicles less than or equal to 8,500 pounds GVWR.
Purchase Dates		
Beginning with model year 1998.	<p>Federal fleet – 1993; state fleets - model year 1996.</p> <p>Private and municipal fleets - model year 1999 or later (subject to ruling by the secretary of energy that a private/municipal fleet program is needed.)</p> <p>Fuel provider fleets – model year 1996.</p>	<p>Acquire vehicles capable of using alternative fuels:</p> <p>70 percent after Jan.1, 2008. By July 1, 2002, 30 percent of fuel used in AFVs must be an alternative fuel.</p>
Vehicle And Fuel Availability		
There are no exemptions provided in the law in the event vehicles or fuel are not available.	The secretary of energy must exempt a fleet if vehicles or fuels are not available.	<p>The Missouri Department of Natural Resources' director may reduce any percentage specified or waive requirements upon receipt of certification supported by evidence to the director that:</p> <ol style="list-style-type: none"> 1) Fuels are not available. 2) Fuels do not meet cost limitations. 3) Fuels do not meet energy conservation or emissions criteria.

Missouri Revised Statutes
Chapter 414
Fuel Regulation and Conservation
Section 414.400

August 28, 1999

Definitions--program for state fuel consumption reduction, fleet management and promotion of alternative fuels, University of Missouri, included duties--exceptions for certain vehicles.

414.400. 1. As used in sections 414.400 to 414.417, the following terms mean:

- (1) "Alternative fuel," any fuel, including any alcohol fuel containing eighty-five percent or more by volume of such alcohol or other such percentage not less than seventy percent if determined by the United States Department of Energy by rule to be necessary to provide for the requirements of cold start, safety, or vehicle functions, natural gas, liquefied petroleum gas, any fuel other than alcohol derived from biological materials when designated by the United States Department of Energy as an alternative fuel, and hydrogen, or any power source, including electricity, and any other fuel that the United States Department of Energy determines by final rule is substantially not petroleum and would yield substantial energy security and environmental benefits, used in a vehicle that complies with the standards and requirements applicable to such vehicle pursuant to sections 414.400 to 414.417 when using such fuel or power source;
- (2) "CAFÉ standard," the federal Corporate Average Fuel Economy standard, 15 U.S.C. 2002 or 40 CFR Parts 86 and 600 or 49 CFR Part 538 or proposed rule 49 CFR Part 538 until such rule is finalized;
- (3) "Department", the department of natural resources;
- (4) "Director", the director of the department of natural resources;
- (5) "State agency", the same meaning as such term is defined in section 536.010, RSMo;
- (6) "Vehicle fleet", any fleet comprised of vehicles with a manufacturer's gross vehicle weight rating of not more than eight thousand five hundred pounds registered for operation on the highways of this state pursuant to chapter 301, RSMo.

2. The department in consultation with the commissioner of administration shall develop and implement a program to manage and progressively reduce state agency vehicle fleet fuel consumption and promote the use of alternative fuels. The program shall require state agencies to meet minimum guidelines for efficient fleet management. Such guidelines shall be updated and revised every two years and shall require the overall vehicle fleet fuel efficiency for each agency to meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFÉ standard. The department may promulgate rules necessary to implement such guidelines. Further, provided that suppliers or state agencies have or can reasonably be expected to have established alternative fuel refueling stations as needed, the program shall require that at least thirty percent of all motor fuel purchased annually for use in alternative fuel vehicles, calculated in gasoline gallon equivalents, to be alternative fuel by July 1, 2001. Any alternative fuel purchased by a state agency for use in vehicles not included in their vehicle fleet as defined in subsection 1 of this section, calculated in gasoline gallon equivalents, may be credited toward the annual alternative fuel purchase goal. The program shall

systematically replace existing state-owned vehicles and vehicles paid for with any state money, including vehicles purchased by the university system, with vehicles manufactured, assembled or produced in the United States, as required by sections 34.350 to 34.359, RSMo.

3. The commissioner of administration shall identify specific vehicle models within each vehicle procurement class that meet or exceed the CAFÉ standard. State agencies shall identify specific vehicle models within each vehicle procurement class that have a life cycle cost which is less than or equal to the average life cycle cost of those vehicles in the class which are manufactured, assembled or produced in the United States. Life cycle costs shall include but are not limited to the original cost of the vehicle, conversion cost if applicable, costs associated with vehicle emissions to the extent that such statistics are available, and projected cost of operation, including fuel cost and maintenance and salvage value to the extent that reliable maintenance and salvage value statistics are available. Unless a state agency submits to the department a fleet efficiency plan that complies with the minimum guidelines for energy efficiency established pursuant to subsection 2 of this section, or unless otherwise approved by the office of administration pursuant to subsection 4 of this section, all purchases of vehicles for state agency vehicle fleets shall meet the above standards.

4. The commissioner of administration may waive the CAFÉ standard requirements of subsection 3 of this section, for only those vehicles which satisfy one or more of the following conditions, for any state agency upon receipt of documentation that has been certified by the director of the state agency as satisfying one or more of the following conditions:

- (1) Such vehicles are used primarily in off-road, construction, or road maintenance applications;
- (2) Such vehicles are regularly used in the movement of maintenance or construction equipment;
- (3) Such vehicles are trucks or utility vehicles as defined by the office of administration that are regularly used to transport trailers for the purpose of moving state equipment; or
- (4) Such vehicles are vehicles with manufacturer-stated seating capacity exceeding that for six persons and the director of the agency has certified that the vehicle will be used to transport its rated capacity in persons and/or cargo. Agencies which are granted such waivers shall comply with the planning requirements of section 414.403.

5. The purchase of all class III vehicles, as defined by the office of administration, shall be approved through the appropriations process for all departments except the highway patrol. The provisions of this subsection shall not apply to the purchase of used vehicles from the highway patrol.

(L. 1991 H.B. 45 § 1, A.L. 1998 S.B. 619)

Effective 1-1-99

Chapter 414
Fuel Regulation and Conservation
Section 414.403

August 28, 1996

Vehicle fleet energy conservation plan to be developed by each state agency, purpose of plan, content--plan to be submitted to department of natural resources, when.

414.403. 1. Each state agency, with assistance from the department of natural resources, shall develop and implement a vehicle fleet energy conservation plan for the purposes of reducing vehicle fuel consumption. Plans shall be submitted to the director of the department of natural resources by January 1, 1993. Such plans shall include:

- (1) A timetable by which fleet vehicles shall be replaced with vehicles which exceed the average fuel economy for their vehicle class as outlined in section 414.400;
- (2) Options for the use of demonstrated innovative technologies that promote energy conservation and reduced fuel consumption;
- (3) Methods that promote efficient trip planning and state vehicle use; and
- (4) Car-pooling and van pooling for agency employees for commuting and job-related travel.

2. The department of conservation and the department of highways and transportation may develop their own vehicle fleet energy conservation plan. Such plans shall meet the objectives of sections 414.400 to 414.417 and shall comply with the reporting requirements of sections 414.400 to 414.417.

(L. 1991 H.B. 45 § 2)

Chapter 414
Fuel Regulation and Conservation
Section 414.406

Vehicle fleet plan reviewed--office of administration to purchase only vehicles conforming to plan--annual report, content.

414.406. 1. The director of the department of natural resources shall review each agency's vehicle fleet plan and the vehicular demands of the agency by vehicle class. The office of administration shall only purchase for an agency those vehicles which conform to the agency's plan as outlined in sections 414.400 and 414.403.

2. Each state agency shall annually file a report with the director of the department of natural resources on forms provided by the department showing its progress in achieving the requirements and goals of sections 414.400 to 414.417. The director of the department of natural resources shall compile such information into an annual report and submit such report to the commissioner of administration, the secretary of the senate, the clerk of the house of representatives and the chairman of each committee of jurisdiction of the general assembly.

3. The director's report shall document progress in achieving the requirements and goals of sections 414.400 to 414.417 and shall include, but not be limited to, annual fuel consumption, number of vehicles, vehicle miles traveled, average fleet fuel economy, estimated cost savings and state use of alternative fuels.

(L. 1991 H.B. 45 § 3)

Chapter 414
Fuel Regulation and Conservation
Section 414.410

Motor vehicle alternative fuel use plan to be developed by department of natural resources--powers and duties--state agency fleets of fifteen or more vehicles, time table for using alternative fuels.

414.410. 1. The director shall develop a motor vehicle alternative fuel use plan. The director shall cooperate with state agency fleet operators, vehicle manufacturers and converters, fuel distributors and others to identify the types of vehicles which could be converted to alternative fuels. The director shall consider range, specialty uses, fuel availability, vehicle cost, vehicle manufacturing and conversion capability, safety, resale values, and other relevant factors.

2. The department shall recommend alternative fuels which state agencies and state universities may consider when purchasing vehicles. The department shall consider the content of vehicle exhaust emissions, the relative efficiency of the fuel, the relative efficiency of the processes required to produce the fuel and the characteristics of air emissions associated with the production of that fuel. It shall recommend for state use those alternative fuels which best satisfy the goals of energy conservation and emissions reduction.

3. Any state agency which operates a fleet of more than fifteen motor vehicles shall acquire vehicles capable of using alternative fuels as follows (has since been revised to 70%):

(1) At least ten percent of the agency's fleet vehicles acquired between July 1, 1994, and July 1, 1996;

(2) At least thirty percent of the agency's fleet vehicles acquired between July 1, 1996, and July 1, 1998; and

(3) At least fifty percent of the agency's fleet vehicles acquired between July 1, 1998, and July 1, 2000, and each biennial period thereafter.

If a state agency exceeds any such biennial acquisition goal, or has purchased vehicles capable of using alternative fuels before July 1, 1994, such purchases may be credited to any future biennial acquisition goal. If a state agency has purchased vehicles capable of using alternative fuels but not included in their vehicle fleet as defined in subsection 1 of section 414.400, such purchases may be credited toward any biennial acquisition goal. If a state agency fails to meet a biennial acquisition goal, the commissioner of administration shall not authorize for such agency the purchase of any vehicle not capable of using alternative fuels until such acquisition goal is met, unless the director has reduced or waived the acquisition goal pursuant to subsection 1 of section 414.412.

(L. 1991 H.B. 45 § 4 subsecs. 1, 2, 3, A.L. 1998 S.B. 619)

Effective 1-1-99

Chapter 414
Fuel Regulation and Conservation
Section 414.412

Alternative use of fuel, waived or percentage reduced by director of natural resources, certified evidence required--other vehicles, ethanol use required, exceptions.

414.412. 1. The director may reduce any percentage specified or waive the requirement of subsection 3 of section 414.410 for any state agency upon receipt of certification supported by evidence acceptable to the director that:

(1) The agency's vehicles will be operating primarily in an area in which neither the agency nor a supplier has or can reasonably be expected to have a central refueling station for alternative fuels; or

(2) The agency is unable to acquire or operate vehicles within the cost limitations of section 414.400 or section 414.415; or

(3) The use of alternative fuels would not meet the energy conservation and exhaust emissions reduction criteria of subsection 2 of section 414.410.

2. State agencies shall submit information describing the acquisition and use of vehicles capable of using alternative fuels to the department in a format prescribed by the department. The report shall include for each vehicle model capable of using alternative fuel:

(1) The types of alternative fuels used;

(2) The number of miles traveled using alternative fuels and the ratios to the total numbers of miles traveled;

(3) The number of vehicles owned which are capable of using alternative fuels;

(4) Maintenance costs.

3. Each state-owned vehicle equipped to operate on gasoline, other than vehicles using alternative fuel, shall use a fuel ethanol blend as defined in section 142.027, RSMo, when available at a competitive price, as its motor fuel, unless the United States Environmental Protection Agency, or the governor by executive order, promulgates rules which prohibit, limit or otherwise regulate the use of ethanol-blended fuels in ozone nonattainment areas, as defined by Section 107 of the federal Clean Air Act, as amended, or in an* area designated as a maintenance area for ozone under Section 175A of the federal Clean Air Act, as amended, state-owned vehicles shall not be required to use a fuel ethanol blend.

(L. 1991 H.B. 45 § 4 subsecs. 4, 5, 6, A.L. 1993 H.B. 611, A.L. 1998 S.B. 619)

Effective 1-1-99

Chapter 414

Fuel Regulation and Conservation

Section 414.415

Percentage requirements, how state agencies to comply.

414.415. State agencies may meet the percentage requirements of sections 414.410 to 414.415 through purchase of original equipment manufactured alternative fuel vehicles or the conversion of vehicles, in accordance with federal and state requirements and applicable safety laws. Vehicles purchased pursuant to sections 414.410 to 414.415 shall not exceed the cost of conventional fuel vehicles of the same make and model by more than ten percent, using life cycle costing methods calculated pursuant to criteria in subsection 3 of section 414.400, except that vehicles purchased pursuant to sections 414.410 to 414.415 that are based for the life of the vehicle and used primarily in maintenance and nonattainment areas defined with regard to the National Ambient Air Quality Standards of the federal Clean Air Act, as amended, 42 U.S.C. 7401 et seq., shall not exceed such cost of conventional fuel vehicles of the same make and model by more than seventeen percent. The commissioner of administration in purchasing, leasing, maintaining or converting vehicles for alternative fuels use shall comply with all applicable safety standards promulgated by the United States Department of Transportation.

(L. 1991 H.B. 45 § 4 subsec. 7, A.L. 1998 S.B. 619)

Effective 1-1-99

Chapter 414

Fuel Regulation and Conservation

Section 414.417

**Criminal law enforcement vehicles and certain other vehicles, law not applicable--
demonstration vehicles for alternative fuels authorized.**

414.417. 1. Sections 414.400 to 414.417 shall not apply to the purchase or lease of a vehicle to be used primarily for criminal law enforcement or to the purchase or lease of a motorcycle, all-terrain vehicle, ambulance, or any type of vehicle for which the Environmental Protection Agency has not published fuel economy comparisons.

2. Notwithstanding the provisions of sections 414.400 to 414.417, the department of natural resources may acquire vehicles which use alternative fuels for the purposes of assessing and demonstrating either or both alternative vehicles and alternative fuels.

(L. 1991 H.B. 45 § 5)

Appendix B

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SUMMARY TABLE
VEHICLE OPERATIONS

MISSOURI STATE FLEET
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	537		5,316,455	231,818		\$650,758		\$335,747
	LDTs, Vans and SUVs	1,347		8,383,969	540,850		\$1,460,881		\$668,909
	Exempt Vehicles	2,734	1,650		3,482,402		\$9,838,478		\$2,840,821
Hybrid	Cars and Station Wagons	20		175,616	6,791		\$18,333		\$14,959
	LDTs, Vans and SUVs	14		164,792	6,296		\$19,350		\$7,836
	Exempt Vehicles	6	1		3,599		\$9,674		\$1,874
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	17		117,366	11,869	0	\$32,802	\$0	\$17,652
	Exempt Vehicles	46	2,530		3,658,841	276,355	\$10,958,213	\$841,244	\$6,515,011
E85	Cars and Station Wagons	1,542		23,276,716	789,048	153,544	\$2,301,094	\$399,681	\$830,640
	LDTs, Vans and SUVs	562		7,141,908	326,653	50,534	\$933,834	\$131,502	\$300,422
	Exempt Vehicles	1,958	32		2,231,934	52,752	\$6,176,884	\$127,087	\$1,073,148
CNG	Cars and Station Wagons	3		3,106	134	0	\$398	\$0	\$122
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	14		79,983	7,248	789	\$19,970	\$1,316	\$6,628
	Exempt Vehicles	4	3		2,096	26	\$5,339	\$36	\$1,550
Electric	LDTs, Vans and SUVs	11		8,119		0		\$16	\$527

Many management functions of the Missouri State Fleet are decentralized. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri state agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

ATTORNEY GENERAL
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	20	1		8,544		\$23,731		\$13,814
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	16	0		8,265	0	\$23,193	\$0	\$7,612
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

Many management functions of the Missouri State Fleet are decentralized. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri state agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

SECRETARY OF STATE
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	4		37,101	1,252		\$3,654		\$2,603
	LDTs, Vans and SUVs	1		10,729	473		\$1,504		\$778
	Exempt Vehicles	2	0		570		\$1,716		\$1,569
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		1,134	0	\$3,774	\$0	\$361
E85	Cars and Station Wagons	6		64,524	1,423	2,584	\$4,219	\$3,836	\$3,457
	LDTs, Vans and SUVs	3		23,643	217	1,222	\$609	\$3,349	\$498
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

Many management functions of the Missouri State Fleet are decentralized. Day-to-day decisions and record keeping tasks are performed by each agency. Therefore, the operations data used to generate this table were provided by the Missouri state agencies that use on-road and off-road vehicles to accomplish their official duties.

Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

STATE AUDITOR
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	1		1,418	93		\$288		\$139
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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SUMMARY TABLE
VEHICLE OPERATIONS

STATE TREASURER
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	1		2,610	196		\$543		\$542
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	1		25,306	847	147	\$2,397	\$306	\$2,791
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF AGRICULTURE
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	13		187,900	6,788		\$19,961		\$8,944
	LDTs, Vans and SUVs	41		457,325	28,485		\$79,315		\$18,576
	Exempt Vehicles	1	21		25,850		\$77,970		\$9,211
Hybrid	Cars and Station Wagons	1		2,812	100		\$357		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	16		34,445	0	\$109,080	\$0	\$35,701
E85	Cars and Station Wagons	84		1,500,803	54,585	1,948	\$168,167	\$5,095	\$53,336
	LDTs, Vans and SUVs	33		672,718	34,550	2,261	\$98,070	\$5,716	\$25,646
	Exempt Vehicles	5	1		9,373	0	\$28,327	\$0	\$2,487
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF CONSERVATION
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	4		44,780	2,174		\$6,203		\$5,194
	LDTs, Vans and SUVs	20		196,866	10,623		\$30,448		\$14,333
	Exempt Vehicles	547	259		775,303		\$2,261,324		\$784,635
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	9	132		214,183	0	\$681,865	\$0	\$297,278
E85	Cars and Station Wagons	25		287,087	10,714	35	\$30,582	\$85	\$14,023
	LDTs, Vans and SUVs	50		494,028	18,933	295	\$66,844	\$724	\$19,550
	Exempt Vehicles	135	0		132,548	658	\$392,809	\$1,582	\$122,036
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF CORRECTIONS
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	58		643,437	28,096		\$79,778		\$35,634
	LDTs, Vans and SUVs	64		386,087	26,409		\$74,444		\$31,733
	Exempt Vehicles	244	170		253,259		\$694,378		\$153,559
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		4,466	705	0	\$1,939	\$0	\$4,125
	Exempt Vehicles	0	98		242,799	0	\$715,370	\$0	\$201,188
E85	Cars and Station Wagons	153		2,271,286	76,098	18,022	\$221,248	\$46,533	\$68,425
	LDTs, Vans and SUVs	83		1,829,735	75,191	15,729	\$211,939	\$40,536	\$47,093
	Exempt Vehicles	4	8		12,210	38	\$34,397	\$102	\$3,031
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	11		68,979	6,467	735	\$17,679	\$1,152	\$5,470
	Exempt Vehicles	0	3		544	26	\$1,423	\$36	\$1,076
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF ECONOMIC DEVELOPMENT
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	7		56,972	2,433		\$6,977		\$3,604
	LDTs, Vans and SUVs	5		59,800	3,044		\$8,416		\$2,062
	Exempt Vehicles	1	0		131		\$359		\$1,348
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	24		327,037	9,759	3,925	\$27,614	\$10,228	\$14,801
	LDTs, Vans and SUVs	4		26,488	1,061	67	\$3,266	\$168	\$1,621
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	16		206,357	7,035		\$20,300		\$9,879
	LDTs, Vans and SUVs	2		21,295	953		\$2,811		\$640
	Exempt Vehicles	1	4		508		\$1,214		\$921
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	47		40,478	65	\$135,799	\$249	\$53,070
E85	Cars and Station Wagons	41		599,085	18,751	3,903	\$54,161	\$9,678	\$17,947
	LDTs, Vans and SUVs	15		198,535	7,000	1,624	\$18,967	\$3,996	\$4,358
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF HEALTH AND SENIOR SERVICES
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	34		462,176	17,032		\$45,465		\$27,788
	LDTs, Vans and SUVs	2		12,673	1,140		\$3,339		\$2,810
	Exempt Vehicles	0	2		1,925		\$6,043		\$1,876
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		1,170	0	\$3,912	\$0	\$264
E85	Cars and Station Wagons	80		1,384,479	45,052	7,060	\$131,923	\$18,255	\$72,801
	LDTs, Vans and SUVs	8		91,114	3,668	664	\$10,824	\$1,709	\$2,875
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF HIGHER EDUCATION
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	3		21,568	853		\$2,419		\$672
	LDTs, Vans and SUVs	1		5,619	246		\$743		\$118
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	7		69,586	2,610	331	\$7,610	\$771	\$2,996
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF INSURANCE
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	9		81,975	3,392		\$9,720		\$9,020
	LDTs, Vans and SUVs	1		4,830	333		\$990		\$491
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	2		28,865	958		\$2,909		\$2,317
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	45		696,698	28,167	396	\$80,268	\$961	\$33,976
	LDTs, Vans and SUVs	6		52,149	2,462	15	\$7,528	\$29	\$2,977
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	5		91,887	3,642		\$11,319		\$5,321
	LDTs, Vans and SUVs	14		181,382	8,760		\$26,085		\$5,112
	Exempt Vehicles	0	0		0		\$0		\$0
Hybrid	Cars and Station Wagons	1		21,972	590		\$1,789		\$157
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		823	0	\$2,741	\$0	\$5,017
E85	Cars and Station Wagons	10		160,522	3,086	3,630	\$9,163	\$9,538	\$7,700
	LDTs, Vans and SUVs	3		48,528	1,586	807	\$4,819	\$2,135	\$3,837
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF MENTAL HEALTH
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	97		612,483	31,386		\$87,070		\$89,091
	LDTs, Vans and SUVs	109		453,733	31,826		\$88,769		\$52,929
	Exempt Vehicles	6	81		28,313		\$73,856		\$44,566
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	11		5,541	0	\$14,657	\$0	\$3,619
E85	Cars and Station Wagons	147		1,924,415	68,085	8,165	\$188,310	\$19,930	\$59,601
	LDTs, Vans and SUVs	65		754,480	41,111	1,412	\$105,036	\$3,702	\$36,216
	Exempt Vehicles	0	2		346	0	\$1,152	\$0	\$3
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF NATURAL RESOURCES
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	6		26,366	1,094		\$2,994		\$1,699
	LDTs, Vans and SUVs	121		1,324,175	68,196		\$205,026		\$77,371
	Exempt Vehicles	147	102		137,401		\$373,643		\$113,299
Hybrid	Cars and Station Wagons	7		46,857	1,131		\$3,160		\$9,852
	LDTs, Vans and SUVs	7		89,113	3,110		\$9,391		\$6,015
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	82		69,430	7	\$212,902	\$18	\$64,033
E85	Cars and Station Wagons	119		1,430,516	47,101	9,448	\$141,338	\$24,266	\$57,744
	LDTs, Vans and SUVs	85		860,159	41,035	4,871	\$119,691	\$13,409	\$44,363
	Exempt Vehicles	54	0		40,026	357	\$109,611	\$933	\$20,295
CNG	Cars and Station Wagons	3		3,106	134	0	\$398	\$0	\$122
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	3		11,004	781	54	\$2,292	\$163	\$1,158
	Exempt Vehicles	4	0		1,551	0	\$3,917	\$0	\$475
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF PUBLIC SAFETY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	26		359,630	12,509		\$37,451		\$12,810
	LDTs, Vans and SUVs	34		326,025	19,309		\$54,124		\$20,725
	Exempt Vehicles	283	182		423,736		\$1,131,606		\$217,861
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	5	49		25,257	0	\$74,326	\$0	\$28,970
E85	Cars and Station Wagons	60		769,149	29,612	153	\$95,805	\$382	\$24,918
	LDTs, Vans and SUVs	21		206,027	10,427	240	\$29,140	\$491	\$7,471
	Exempt Vehicles	1,034	0		1,436,685	20,270	\$3,928,794	\$52,271	\$631,813
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF REVENUE
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	1		8,269	443		\$1,343		\$153
	LDTs, Vans and SUVs	3		50,532	2,429		\$6,762		\$1,574
	Exempt Vehicles	0	2		1,234		\$3,467		\$2,202
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	30		475,662	16,635	2,760	\$45,738	\$6,689	\$21,664
	LDTs, Vans and SUVs	10		187,460	8,215	71	\$22,869	\$158	\$4,364
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF SOCIAL SERVICES
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	26		359,630	12,509		\$37,451		\$12,810
	LDTs, Vans and SUVs	34		326,025	19,309		\$54,124		\$20,725
	Exempt Vehicles	283	182		423,736		\$1,131,606		\$217,861
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	5	49		25,257	0	\$74,326	\$0	\$28,970
E85	Cars and Station Wagons	60		769,149	29,612	153	\$95,805	\$382	\$24,918
	LDTs, Vans and SUVs	21		206,027	10,427	240	\$29,140	\$491	\$7,471
	Exempt Vehicles	1,034	0		1,436,685	20,270	\$3,928,794	\$52,271	\$631,813
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

DEPARTMENT OF TRANSPORTATION
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	10		154,785	6,313		\$18,135		\$5,467
	LDTs, Vans and SUVs	24		344,410	21,929		\$59,344		\$7,059
	Exempt Vehicles	744	474		1,380,535		\$3,909,787		\$642,712
Hybrid	Cars and Station Wagons	4		21,750	705		\$1,831		\$1,288
	LDTs, Vans and SUVs	1		14,060	551		\$1,522		\$273
	Exempt Vehicles	6	0		2,954		\$8,075		\$1,388
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	2	1,952		2,793,987	276,283	\$8,312,828	\$836,822	\$5,506,178
E85	Cars and Station Wagons	63		1,192,342	30,518	17,136	\$87,523	\$48,251	\$18,820
	LDTs, Vans and SUVs	16		216,572	10,224	3,786	\$28,553	\$8,264	\$3,858
	Exempt Vehicles	666	19		567,921	28,130	\$1,590,823	\$64,201	\$257,010
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

OFFICE OF ADMINISTRATION
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	25		383,675	14,006		\$41,092		\$23,662
	LDTs, Vans and SUVs	83		362,292	25,663		\$72,762		\$34,325
	Exempt Vehicles	18	58		34,492		\$97,515		\$50,845
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		16,483	1,625	0	\$5,048	\$0	\$824
	Exempt Vehicles	0	16		25,628	0	\$89,427	\$0	\$21,922
E85	Cars and Station Wagons	128		1,855,013	53,019	16,504	\$162,324	\$44,574	\$108,226
	LDTs, Vans and SUVs	34		461,571	18,887	3,078	\$56,608	\$8,215	\$23,012
	Exempt Vehicles	3	0		790	171	\$2,578	\$479	\$870
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

State organizations included under the category of other state organizations are the State Offices of the Governor, Lieutenant Governor, Legislature and Judiciary.

Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

OTHER STATE ORGANIZATIONS
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	1		1,023	0		\$0		\$390
	LDTs, Vans and SUVs	1		13,339	785		\$2,355		\$1,444
	Exempt Vehicles	6	0		1,085		\$3,269		\$3,430
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	5		71,782	2,350	277	\$7,069	\$778	\$2,441
	LDTs, Vans and SUVs	8		67,905	3,138	443	\$9,456	\$1,083	\$3,103
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

UNIVERSITY OF CENTRAL MISSOURI
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	4		25,386	2,539		\$7,236		\$545
	Exempt Vehicles	130	0		36,500		\$104,025		\$13,657
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	1		11,278	1,128	0	\$3,463	\$0	\$315
	Exempt Vehicles	6	4		5,230	0	\$15,952	\$0	\$6,373
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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SUMMARY TABLE
VEHICLE OPERATIONS

HARRIS-STOWE STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	11		105,000	9,217		\$32,260		\$19,418
	Exempt Vehicles	0	3		526		\$1,842		\$3,000
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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SUMMARY TABLE
VEHICLE OPERATIONS

LINCOLN UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	11		60,585	4,039		\$12,074		\$210
	Exempt Vehicles	61	3		24,709		\$66,693		\$9,921
Hybrid	Cars and Station Wagons	2		5,058	178		\$450		\$0
	LDTs, Vans and SUVs	4		45,505	1,912		\$6,398		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	1		611	0	\$2,041	\$0	\$75
E85	Cars and Station Wagons	5		26,575	631	432	\$1,924	\$1,546	\$637
	LDTs, Vans and SUVs	6		40,358	1,756	618	\$5,707	\$2,212	\$624
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

MISSOURI SOUTHERN STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	6		51,617	7,131		\$22,034		\$3,837
	LDTs, Vans and SUVs	1		0	0		\$0		\$0
	Exempt Vehicles	22	0		6,257		\$19,335		\$14,070
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	1		855	138	0	\$432	\$0	\$640
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

MISSOURI STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	14		101,662	4,439		\$14,827		\$16,161
	LDTs, Vans and SUVs	147		536,408	49,251		\$111,108		\$74,562
	Exempt Vehicles	0	6		3,746		\$11,802		\$895
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
E85	Cars and Station Wagons	2		18,414	1,803	0	\$3,992	\$0	\$2,806
	LDTs, Vans and SUVs	4		9,904	2,042	0	\$6,651	\$0	\$2,901
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	7		4,000		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

MISSOURI WESTERN STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	24	0		8,900		\$22,250		\$6,790
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	4	0		4,700	0	\$14,053	\$4,155	\$0
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

NORTHWEST MISSOURI STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	8		118,592	3,848		\$12,620		\$3,600
	LDTs, Vans and SUVs	19		152,385	8,011		\$26,275		\$11,817
	Exempt Vehicles	47	11		13,067		\$42,854		\$28,269
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	13		37,828	0	\$113,851	\$0	\$36,017
E85	Cars and Station Wagons	19		264,115	7,050	1,640	\$23,297	\$4,741	\$5,765
	LDTs, Vans and SUVs	3		22,395	938	179	\$3,077	\$564	\$492
	Exempt Vehicles	3	0		2,185	0	\$7,167	\$0	\$3,522
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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Exempt vehicles are those vehicles that for reasons given in RSMo 414.400 - 414.417 are exempt from vehicle fuel efficiency and alternative fuel requirements. Eligible vehicles include only those vehicles that are eligible to meet vehicle fuel efficiency and alternative fuel requirements specified in RSMo 414.400-414.417.

At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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Estimated values are shown on four summary tables - the Missouri Department of Public Safety table, the Secretary of State table, the Missouri Department of Transportation table and the overall Missouri State Fleet table. On the Department of Public Safety table, estimated values are shown under the exempt gasoline vehicle category. On the Secretary of State table, estimated values are shown under the gasoline vehicle category of cars and station wagons. On the Missouri Department of Transportation table, estimated values are shown under the exempt diesel vehicle category.

SUMMARY TABLE
VEHICLE OPERATIONS

SOUTHEAST MISSOURI STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	17		135,792	5,748		\$17,517		\$5,880
	LDTs, Vans and SUVs	12		24,662	2,101		\$6,119		\$4,488
	Exempt Vehicles	127	8		52,568		\$157,510		\$140,135
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	13	1		25,196	0	\$82,133	\$0	\$41,956
E85	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	13	0		9,100	0	\$26,284	\$0	\$10,885
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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SUMMARY TABLE
VEHICLE OPERATIONS

TRUMAN STATE UNIVERSITY
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Maintenance
Gasoline	Cars and Station Wagons	2		44,387	1,223		\$4,362		\$863
	LDTs, Vans and SUVs	10		62,923	4,005		\$12,653		\$3,790
	Exempt Vehicles	11	9		6,281		\$18,113		\$10,052
Hybrid	Cars and Station Wagons	0		0	0		\$0		\$0
	LDTs, Vans and SUVs	0		0	0		\$0		\$0
	Exempt Vehicles	0	0		0		\$0		\$0
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	2	3		9,577	0	\$28,565	\$0	\$9,730
E85	Cars and Station Wagons	11		190,456	8,030	855	\$24,085	\$2,502	\$12,453
	LDTs, Vans and SUVs	6		64,322	3,022	250	\$9,336	\$748	\$1,380
	Exempt Vehicles	2	0		1,495	302	\$4,528	\$854	\$3,888
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	0		0		0		\$0	\$0

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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SUMMARY TABLE
VEHICLE OPERATIONS

UNIVERSITY OF MISSOURI
Fiscal Year 2011

Vehicle Type	Description	Number of Vehicles		Miles Traveled	Fuel Consumption (at-the-pump units)		Cost		
		<= 8500 lbs	> 8500 lbs		Gas or Diesel	Alternative Fuel	Gas or Diesel	Alternative Fuel	Main-tenance
Gasoline	Cars and Station Wagons	148		1,206,741	60,215		\$153,665		\$44,362
	LDTs, Vans and SUVs	581		3,010,172	199,761		\$502,246		\$262,677
	Exempt Vehicles	237	154		166,308		\$462,675		\$294,595
Hybrid	Cars and Station Wagons	3		48,302	3,129		\$7,837		\$1,346
	LDTs, Vans and SUVs	2		16,114	723		\$2,039		\$1,548
	Exempt Vehicles	0	1		645		\$1,599		\$486
Diesel	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	15		84,284	8,273	0	\$21,920	\$0	\$11,747
	Exempt Vehicles	5	100		117,814	0	\$334,733	\$0	\$197,528
E85	Cars and Station Wagons	38		312,478	13,868	3,279	\$36,457	\$7,756	\$22,578
	LDTs, Vans and SUVs	85		632,668	32,962	12,349	\$90,440	\$32,763	\$60,171
	Exempt Vehicles	22	2		10,983	2,827	\$27,192	\$6,664	\$9,697
CNG	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Propane	Cars and Station Wagons	0		0	0	0	\$0	\$0	\$0
	LDTs, Vans and SUVs	0		0	0	0	\$0	\$0	\$0
	Exempt Vehicles	0	0		0	0	\$0	\$0	\$0
Electric	LDTs, Vans and SUVs	4		4,119		0		\$16	\$527

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At-the-pump units are cubic feet for CNG; kwh for electric; and gallons for gasoline, diesel, E85 and propane. Biodiesel (B100) consumption figures are shown on the summary table under the diesel vehicle categories as the alternative fuels.

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Appendix C

When identified throughout the report, gasoline gallon equivalence (GGE) is used as a unit of measure for alternative fuels. As a unit of measure, GGE is based on the fuel's energy content rather than the at-the-pump unit of measure normally shown in unit volume. An example of this is the comparison of a gallon of 85 percent ethanol (E85) to a gallon of gasoline. Since the energy content of E85 is less than that of gasoline, one gallon of E85 is equivalent to 0.7130 of a gallon of gasoline.

Unit Consumption Conversion Table of Vehicle Motor Fuels, At-the-Pump Units to Gasoline Gallon Equivalence (GGE)

Fuel Type	At-the-Pump Units	BTU/Unit	GGE/Unit
Gasoline	Gallon	115,000	1.0000
E85	Gallon	82,000	0.7130
Propane	Gallon	89,000	0.7739
CNG	Cubic Feet	1,000	0.0087
Diesel	Gallon	130,000	1.1304
Biodiesel (20)	Gallon	128,800	1.1200
Biodiesel (100)	Gallon	124,200	1.0800
Electric	Kilowatt hour	3,413	0.0297

Appendix D

- **Average Fleet Fuel Economy of New Acquisition Passenger Cars**
- **Average Fleet Fuel Economy of New Acquisition Light-Duty Trucks**
- **Percent Alternative Fuel Vehicles of all New Vehicle Acquisitions**
- **Percent Alternative Fuel Usage in Alternative Fuel Vehicles - B-20 and Exempt Usage Not Included**
- **Percent Alternative Fuel Usage in Non-Exempt and Exempt Alternative Fuel Vehicles – B20 Usage Included in Diesel Vehicles**

**AVERAGE FLEET FUEL ECONOMY
NEW ACQUISITION PASSENGER CARS**

**MISSOURI STATE FLEET
FISCAL YEAR 2011**

Shown in RSMo 414.400 - 414.417, " the overall vehicle fuel efficiency for each agency to meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFÉ standard." The CAFÉ standard for newly built passenger cars is 27.5 mpg. Throughout the following table, the average vehicle fuel efficiency of all new acquisition passenger cars is shown for each agency. Passenger cars include both cars and station wagons that are eligible to meet vehicle fuel efficiency standards. If an agency is not shown, the agency did not report acquiring any new passenger cars that were eligible to meet state vehicle fuel efficiency requirements throughout the fiscal year.

ATTORNEY GENERAL	38.9
DEPARTMENT OF AGRICULTURE	42.0
DEPARTMENT OF CONSERVATION	38.9
DEPARTMENT OF CORRECTIONS	38.9
DEPARTMENT OF ECONOMIC DEVELOPMENT	38.9
DEPARTMENT OF HEALTH AND SENIOR SERVICES	38.9
DEPARTMENT OF INSURANCE	38.9
DEPARTMENT OF NATURAL RESOURCES	38.9
DEPARTMENT OF PUBLIC SAFETY	27.9
DEPARTMENT OF REVENUE	24.1
DEPARTMENT OF SOCIAL SERVICES	38.6
DEPARTMENT OF TRANSPORTATION	38.9
OFFICE OF ADMINISTRATION	38.1
UNIVERSITY OF MISSOURI	66.1
MISSOURI STATE FLEET	40.7

**AVERAGE FLEET FUEL ECONOMY
NEW ACQUISITION LIGHT DUTY TRUCKS**

**MISSOURI STATE FLEET
FISCAL YEAR 2011**

Shown in RSMo 414.400 - 414.417, " the overall vehicle fuel efficiency for each agency to meet or exceed the fuel efficiency that would be achieved if each vehicle in the agency's fleet met the CAFÉ standard." The CAFÉ standard for newly built light duty trucks is 20.7 mpg. Throughout the following table, the average vehicle fuel efficiency of all new acquisition light duty trucks is shown for each agency. Light duty trucks include trucks, vans and SUVs that are eligible to meet vehicle fuel efficiency standards. If an agency is not shown, the agency did not report acquiring any new light duty trucks that were eligible to meet state vehicle fuel efficiency requirements throughout the fiscal year.

ATTORNEY GENERAL	28.7
DEPARTMENT OF AGRICULTURE	29.2
DEPARTMENT OF CONSERVATION	29.0
DEPARTMENT OF CORRECTIONS	27.7
DEPARTMENT OF ECONOMIC DEVELOPMENT	33.4
DEPARTMENT OF HEALTH AND SENIOR SERVICES	33.5
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	24.5
DEPARTMENT OF MENTAL HEALTH	25.9
DEPARTMENT OF NATURAL RESOURCES	27.3
DEPARTMENT OF PUBLIC SAFETY	26.6
DEPARTMENT OF SOCIAL SERVICES	32.6
DEPARTMENT OF TRANSPORTATION	27.4
LINCOLN UNIVERSITY	27.2
OFFICE OF ADMINISTRATION	24.2
UNIVERSITY OF MISSOURI	26.5
MISSOURI STATE FLEET	27.6

**PERCENT ALTERNATIVE FUEL VEHICLES
OF ALL NEW VEHICLE ACQUISITIONS**

**MISSOURI STATE FLEET
STATUTORY PERIOD 2011**

Since agencies that operate less than 16 eligible vehicles are not subject to program acquisition requirements described in RSMo 414.400 – 414.417, only agencies that operate greater than 15 eligible vehicles are shown in the following table. Shown in RSMo 414.410, at least 70 percent of an agency's fleet vehicle acquisitions over a one year statutory period shall be vehicles capable of using alternative fuels.

DEPARTMENT OF AGRICULTURE	88.9%
DEPARTMENT OF CONSERVATION	100.0%
DEPARTMENT OF CORRECTIONS	100.0%
DEPARTMENT OF ECONOMIC DEVELOPMENT	100.0%
DEPARTMENT OF HEALTH AND SENIOR SERVICES	100.0%
DEPARTMENT OF INSURANCE	100.0%
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	0.0%
DEPARTMENT OF MENTAL HEALTH	100.0%
DEPARTMENT OF NATURAL RESOURCES	88.9%
DEPARTMENT OF PUBLIC SAFETY	50.0%
DEPARTMENT OF REVENUE	0.0%
DEPARTMENT OF SOCIAL SERVICES	100.0%
DEPARTMENT OF TRANSPORTATION	70.8%
LINCOLN UNIVERSITY	100.0%
OFFICE OF ADMINISTRATION	93.8%
UNIVERSITY OF MISSOURI	68.4%
AGENCIES WITH GREATER THAN 15 VEHICLES	87.8%

**PERCENT ALTERNATIVE FUEL USAGE
IN ALTERNATIVE FUEL VEHICLES - B20 AND
EXEMPT USAGE NOT INCLUDED**

**MISSOURI STATE FLEET
FISCAL YEAR 2011**

Since agencies that operate less than 16 eligible vehicles are not subject to the 30 percent alternative fuel usage requirement described in RSMo 414.400 - 414.417, only agencies that operate greater than 15 eligible vehicles are shown in the following table. If no number appears, the agency did not report any alternative fuel usage.

DEPARTMENT OF AGRICULTURE	3%
DEPARTMENT OF CONSERVATION	1%
DEPARTMENT OF CORRECTIONS	14%
DEPARTMENT OF ECONOMIC DEVELOPMENT	21%
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	13%
DEPARTMENT OF HEALTH AND SENIOR SERVICES	10%
DEPARTMENT OF INSURANCE	1%
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	40%
DEPARTMENT OF MENTAL HEALTH	6%
DEPARTMENT OF NATURAL RESOURCES	10%
DEPARTMENT OF PUBLIC SAFETY	1%
DEPARTMENT OF REVENUE	8%
DEPARTMENT OF SOCIAL SERVICES	12%
DEPARTMENT OF TRANSPORTATION	27%
LINCOLN UNIVERSITY	24%
MISSOURI STATE UNIVERSITY	0%
NORTHWEST MISSOURI STATE UNIVERSITY	14%
OFFICE OF ADMINISTRATION	16%
OTHER STATE ORGANIZATIONS	9%
TRUMAN STATE UNIVERSITY	7%
UNIVERSITY OF MISSOURI	19%
MISSOURI STATE FLEET	11%

**PERCENT ALTERNATIVE FUEL USAGE
IN NON-EXEMPT AND EXEMPT ALTERNATIVE FUEL
VEHICLES - B20 USAGE INCLUDED IN DIESEL
VEHICLES**

**MISSOURI STATE FLEET
FISCAL YEAR 2011**

Since agencies that operate less than 16 eligible vehicles are not subject to the 30 percent alternative fuel usage requirement described in RSMo 414.400 - 414.417, only agencies that operate greater than 15 eligible vehicles are shown in the following table. If no number appears, the agency did not report any alternative fuel usage.

DEPARTMENT OF AGRICULTURE	3%
DEPARTMENT OF CONSERVATION	0%
DEPARTMENT OF CORRECTIONS	13%
DEPARTMENT OF ECONOMIC DEVELOPMENT	21%
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	13%
DEPARTMENT OF HEALTH AND SENIOR SERVICES	10%
DEPARTMENT OF INSURANCE	1%
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS	40%
DEPARTMENT OF MENTAL HEALTH	6%
DEPARTMENT OF NATURAL RESOURCES	7%
DEPARTMENT OF PUBLIC SAFETY	1%
DEPARTMENT OF REVENUE	8%
DEPARTMENT OF SOCIAL SERVICES	12%
DEPARTMENT OF TRANSPORTATION	5%
LINCOLN UNIVERSITY	24%
MISSOURI STATE UNIVERSITY	0%
NORTHWEST MISSOURI STATE UNIVERSITY	11%
OFFICE OF ADMINISTRATION	16%
OTHER STATE ORGANIZATIONS	9%
SOUTHEAST MISSOURI STATE UNIVERSITY	0%
TRUMAN STATE UNIVERSITY	7%
UNIVERSITY OF MISSOURI	19%
TOTAL NON-DIESEL VEHICLES	5%
DIESEL VEHICLES	
DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	1%
DEPARTMENT OF NATURAL RESOURCES	0%
DEPARTMENT OF TRANSPORTATION	45%
TOTAL B20 USAGE	35%
 MISSOURI STATE FLEET	 22%